

What Is Claimed Is:

1. A method of operating a cache system to serve one set of cached data in response to multiple different data requests, comprising:

- 5 receiving a first request for a first set of data, said first request comprising a first session identifier configured to identify a first client session;
- serving said first set of data from the cache system in response to said first request;
- receiving a second request for said first set of data, said second request
- 10 comprising a second session identifier different from said first session identifier; and
- serving said first set of data from the cache system in response to said second request.

- 15 2. The method of claim 1, wherein said first set of data is identifiable by a data identifier; and
- wherein each of said first request and said second request comprise said data identifier.

- 20 3. The method of claim 2, wherein said data identifier is a URI (Uniform Resource Identifier).

4. The method of claim 2, wherein said first session identifier is combined with said data identifier in said first request; and
- 25 wherein said second session identifier is combined with said data identifier in said second request.

5. The method of claim 2, further comprising, prior to said receiving a second request:

 caching said first set of data; and

 associating a portion of said first request with said cached first set of data.

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6. The method of claim 5, wherein said portion comprises a combination of said data identifier and said first session identifier.

7. The method of claim 5, wherein said serving said first set of data in response to said second request comprises:

 searching the cache system for a set of data responsive to said second request; and

 matching said first set of data with said second request.

8. The method of claim 7, wherein said searching comprises comparing said associated portion of said first request to said second request.

9. The method of claim 8, wherein during said comparing, one or more of said first session identifier and said second session identifier are ignored.

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10. The method of claim 7, wherein said searching comprises replacing one or more of said first session identifier and said second session identifier with a default session identifier.

11. The method of claim 5, wherein said associating comprises replacing said first session identifier with a default session identifier.

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identifier is combined with said first session identifier.

16. The method of claim 14, wherein said retrieving comprises searching for a previous request for which said first set of data was cached.

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17. The method of claim 16, wherein said searching comprises comparing a portion of said second request with said information included in said first request.

10 18. The method of claim 17, wherein said information included in said first request comprises said data identifier.

19. The method of claim 16, wherein said first session identifier and said second identifier are ignored during said searching.

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20. The method of claim 16, wherein said searching comprises replacing one of said first session identifier and said second identifier with a default value.

20 21. The method of claim 14, further comprising, prior to said serving: extracting said second session identifier from said second request; and combining said second session identifier with a first data identifier in said first set of data.

25 22. The method of claim 21, wherein said combining comprises replacing said first session identifier with said second session identifier.

23. A computer readable storage medium storing instructions that, when executed by a computer, cause the computer to perform a method of operating a cache system to serve one set of cached data in response to multiple different data requests, the method comprising:

- 5 receiving a first request for a first set of data, said first request comprising a first session identifier configured to identify a first client session;
- serving said first set of data from the cache system in response to said first request;
- receiving a second request for said first set of data, said second request
- 10 comprising a second session identifier different from said first session identifier; and
- serving said first set of data from the cache system in response to said second request.

15 24. A computer readable storage medium storing instructions that, when executed by a computer, cause the computer to perform a method of serving one set of cached data, from a cache system, in response to a plurality of different data requests, wherein each data request comprises a different session identifier, the method comprising:

- 20 receiving a first request for a first set of data from a first client session, wherein said first request comprises:
 - a data identifier identifying said first set of data; and
 - a first session identifier identifying said first client session;
- receiving said first set of data from a data server;
- 25 caching said first set of data, wherein said first set of data is identifiable in the cache system by information included in said first request;
- receiving a second request for said first set of data from a second client

session, wherein said second request comprises:

said data identifier; and

a second session identifier identifying said second client session;

retrieving said first set of data from a cache; and

5 serving said first set of data in response to said second request.

25. A computer readable storage medium containing a data structure configured for caching data items from a data server, the data structure comprising:

10 a first data item served in response to a first data request having a first session identifier; and

a portion of said first data request;

wherein said portion of said first data request is compared to a portion of a second data request having a second session identifier; and

15 wherein said first data item is served in response to said second data request.

26. The computer readable storage medium of claim 25, wherein said portion of said first data request includes said first session identifier.

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27. A cache system for caching data from a data server, comprising:

a first cache memory configured to store a first data item, wherein said first data item is retrieved from a data server for serving in response to a first data request comprising a first session identifier; and

25 a parser configured to parse a second data request comprising a second session identifier different from said first session identifier;

wherein said first data item is served in response to said second data

request.

28. The cache system of claim 27, wherein said first data request
comprises a combination of a first data identifier of said first data item and said
5 first session identifier and said second data request comprises a combination of
said first data identifier and said second session identifier; and
wherein said parser is configured to extract said second session identifier
from said second data request.

10 29. The cache system of claim 27, wherein said first data item
comprises a data identifier of another data item; and
wherein said second session identifier is combined with said data identifier
of said other data item prior to serving said first data item.

15 30. The cache system of claim 27, further comprising:
a second cache memory configured to store a first portion of said first data
request, wherein said portion may be compared to a second portion of said second
data request to determine if said first data item is responsive to said second data
request;
20 wherein said first session identifier and said second session identifier are
ignored during said comparison.

31. A cache system for serving one set of data in response to different
data requests, comprising:
25 parsing means configured to examine a data request to identify a requested
set of data;
retrieval means configured to retrieve a session identifier from said data

request; and

search means configured to search a cache for said requested set of data,
wherein said search means is further configured to disregard said session identifier
and a session identifier of a previous request in response to which said request set
5 of data was served.

32. The cache system of claim 31, further comprising update means
configured to update one or more data identifiers in said requested set of data to
include said session identifier.

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